



**TRANSMITTAL
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		Application Number	10/692,185
		Filing Date	October 23, 2003
		First Named Inventor	Steve Michael Kelly
		Art Unit	2121
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	PGS-03-20US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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Remarks

Other:

- Transmittal Letter
- Cited References
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	E. Eugene Thigpen		
Signature			
Date	February 13, 2004		

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	E. Eugene Thigpen		
Signature			
	Date	February 13, 2004	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Steve Michael Kelly

§ Group Art Unit: 2121
§
§ Examiner: Unknown
§
§ Atty Docket No. PGS-03-20US
§

Serial No. 10/692,185

Filed: October 23, 2003

Title: METHOD FOR IMAGING OF
PRESTACK SEISMIC DATA

Mail Stop DD

Commissioner for Patents
P.O. Box 1450
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E. Eugene Thigpen
E. Eugene Thigpen

Date: February 13, 2004

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b)

Sir:

The Applicant respectfully submits herewith an Information Disclosure Statement citing copies of references (C1-C7).

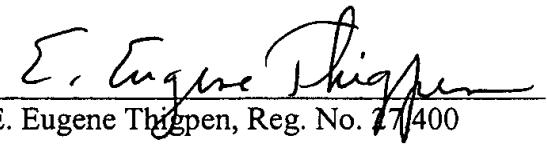
This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed

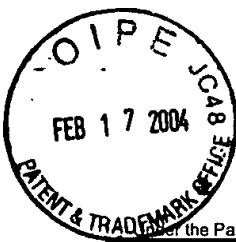
necessary for any reason the Commissioner is authorized to deduct the fees from Petroleum Geo-Services, Inc.'s Deposit Account 50-2223.

Respectfully submitted

Date: February 13, 2004


E. Eugene Thigpen, Reg. No. 77400

Petroleum Geo Services, Inc.
P.O. Box 42805
Houston, TX 77242-2805
Direct Dial Telephone: 281-679-2288



PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
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Substitute for form 1449/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/692,185
Sheet	1	of	1	Filing Date	October 23, 2003
				First Named Inventor	Steve Michael Kelly
				Art Unit	2121
				Examiner Name	
				Attorney Docket Number	PGS-03-20US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	C1	RESHEF, M. and KOSLOFF, D., "Migration of common shot gathers", Geophysics, (February, 1986), pp. 324-331, Vol. 51, No. 2		
	C2	JEANNOT, J., "Full prestack versus shot record migration: Practical aspects", SEG Expanded Abstracts, 1988, pp. 966-968		
	C3	WAPENAAR, C. and BERKHOUT, A., "Full prestack versus shot record migration", SEG Expanded Abstracts, 1987, pp. 761-764		
	C4	RESHEF, M., "Prestack depth imaging of three-dimensional shot gathers", Geophysics, (August, 1991), pp. 1158-1163, Vol. 56, No. 8		
	C5	JACOBS, A., "The prestack migration of profiles", Ph.D. Thesis, Stanford University, 1982, SEP-34		
	C6	CLAERBOUT, J., "Imaging the Earth's Interior", Blackwell Scientific Publications, Ltd., Oxford, UK, 1985, 1999		
	C7	VALENCIANO, A., BIONDI, B., and GUITTON, A., "Multidimensional imaging condition for shot profile migration", Stanford Exploration Project, Report SEP-111, 2002, pp. 71-80		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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